

Application No. 08/031,801
Informal Amendment dated September 18, 2003

Amendments to the Specification

Please replace the paragraph at page 7, lines 11-13
with the following:

E1
~~Figure 3 is a~~ Figures 3-1 to 3-2 show flow cytometry
~~plot plots~~ of antibody staining for IgM allotypes in mouse
strains, as described in Example II, infra..

Please replace the paragraph at page 9, lines 1-14
with the following:

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✓
~~Figure 14 A, B, C demonstrates~~ Figures 14A through
14F demonstrate the stable retention of YHPRT during in vitro
ES cell differentiation and transmission through the mouse
germline, as described in Example VI, infra (A: ~~a, b~~ Figures
14A-14B = embryoid bodies; and differentiated cell types: ~~e~~
Figure 14C = blood islands; ~~d~~ Figure 14D = contracting muscle;
~~e~~ Figure 14E = neuronal cells; ~~f~~ Figure 14F = neural tubules
formed by ESY clones; B Figures 14G-14I: Southern blot analysis
of DNA extracted from differentiated ESY 5-2, 3-6, 8-5 and 8-6
(20 µg) and YHPRT in AB1380 (40 ng) using ~~a~~ — human Alu probe
(Figure 14G); ~~b~~ — yeast Ty sequences (Figure 14H and 14I); C
Figure 14J-14K: Southern blot analysis of tail DNA (20 µg) from
2 agouti offspring (4-2 and 4-3) derived from ESY chimeric male
394/95-2 using ~~a~~ — human Alu (Figure 14J) and ~~b~~ — Ty sequences
(Figure 14K); shorter exposures (12 hr) of 8-6 and yHPRT probed
with Ty are shown (II).